

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (withdrawn): Method for removing coarse materials from a pulper, comprising a coarse dirt collector being pivotable into and out of the pulper vessel (1) from above, characterized in that the inward and outward pivoting movement of the coarse dirt collector is carried out by a rotational movement about an axis of rotation (A) positioned at an angle to the plane that is vertical to the axis of the pulper vessel (2).
2. (withdrawn): Method according to claim 1, characterized in that the angle of the axis of rotation (A) is between 20° and 40°.
3. (withdrawn): Method according to claim 1, characterized in that the rotational movement extends between 90° and 270°, preferably between 150° and 200°.
4. (withdrawn): Method according to claim 1, characterized in that the unloading of the coarse materials is mechanically supported.
5. (withdrawn): Method according to claim 4, characterized in that said support takes place in that the coarse dirt collector is 25 moved against a catch.
6. (withdrawn): Method according to claim 4, characterized in that said support takes place by a jerky movement of the coarse dirt collector in a backward direction.
7. (withdrawn): Method according to claim 1, characterized in that the motions are carried out at constant or variable speeds.
8. (withdrawn): Method according to claim 1, characterized in that the motions are carried out in a way that the coarse dirt collector is aligned suitable for collection in an inwardly pivoted position and is aligned suitable for unloading in an outwardly pivoted position.
9. (withdrawn): Method according to claim 1, characterized in that the moving device only carries out a rotation about the axis of rotation (A).

10. (withdrawn): Method according to claim 1, characterized in that the coarse dirt is unloaded into a collecting funnel in the unloading position.

11. (currently amended): Coarse dirt collector apparatus for removing coarse materials from a pulper having a pulper vessel (1) with a vertical axis, said coarse dirt collector ~~being pivotable into and out of the pulper vessel (1) from a position above the pulper vessel (1),~~ apparatus comprising:

a coarse dirt collector being pivotable into and out of the pulper vessel from a position above the pulper vessel; and

a moving means ~~having~~ for providing an inward and outward pivoting movement of the coarse dirt collector by a single unitary rotational movement of said coarse dirt collector from a picking up position within the pulper up to a dropping position outside the pulper and back again, wherein said single unitary movement is performed about an axis of rotation (A) positioned at an angle to a plane that is vertical to the vertical axis (P) of the pulper vessel (1).

12. (previously presented): Coarse dirt collector apparatus according to claim 11, characterized in that said moving means is suspended on the pulper in a rotatable manner.

13. (previously presented): Coarse dirt collector apparatus according to claim 11, characterized in that said moving means comprises a support construction being independent of the pulper, on which it is suspended in a rotatable manner.

14. (previously presented): Coarse dirt collector apparatus according to claim 11, characterized in that said moving means comprises a support arm and said collector comprises a collecting basket attachable thereto.

15. (previously presented): Coarse dirt collector apparatus according to claim 14, characterized in that the collecting basket comprises a frame, in which a grid consisting of grid-shaped or parallel rods being attachable in a variable or fixed manner is located.

16. (previously presented): Coarse dirt collector apparatus according to claim 15, characterized in that tines are provided on the rods of the frame.

17. (previously presented): Coarse dirt collector according to claim 16, characterized in that the tines are positioned vertical to the frame or slightly upwardly inclined thereto in an immersed position.

18. (previously presented): Coarse dirt collector apparatus according to claim 16, characterized in that the tines are fastened on the rods in a fixed manner.

19. (previously presented): Coarse dirt collector apparatus according to claim 16, characterized in that the tines are fastened on the rods in a detachable manner.

20. (previously presented): Coarse dirt collector apparatus according to claim 11, characterized in that the pulper comprises a lid with an opening for unloading the coarse dirt.

21. (previously presented): Coarse dirt collector apparatus according to claim 20, characterized in that a hood for the coarse dirt collector is joined to the lid of the pulper.

22. (previously presented): Coarse dirt collector apparatus according to claim 11, characterized by a collecting funnel into which the coarse dirt is unloaded.

23. (previously presented): Coarse dirt collector apparatus according to claim 20, characterized in that the total lid of the pulper is opened for unloading the coarse materials.

24. (previously presented): Coarse dirt collector apparatus according to claim 14, characterized in that the support arm of the coarse dirt collector is bent and/or angled in a way that the unloading opening provided in the pulper is as small as possible.

25. (previously presented): Coarse dirt collector apparatus according to claim 15, characterized in that the frame of the coarse dirt collector is fastened on the support arm in a way that it is aligned suitable for collection in an inwardly pivoted position and that said collector is aligned suitable for unloading in an outwardly pivoted position.

26. (previously presented): Coarse dirt collector apparatus according to claim 15, characterized in that the frame of the coarse dirt collector is fastened on the support arm in a way that said collector can be passed along the wall of the pulper vessel and the rotor during the rotational movement so that the unloading opening in the lid of the pulper is as small as possible

and that said collector essentially fills out the surface between the rotor and the wall of the pulper vessel in the collecting position.

27. (previously presented): Coarse dirt collector apparatus according to claim 15, characterized in that the frame of the coarse dirt collector is inclined slightly to a vertical line and likewise slightly to a radial line to the axis of the pulper in the collecting position.

28. (previously presented): Coarse dirt collector apparatus according to claim 11, characterized in that the moving device is provided with an electrical, pneumatic or hydraulic drive preferably being combined with a spur gear or a toothed rack so as to bring the coarse dirt collector in a linear rotational movement.

29. (previously presented): Coarse dirt collector apparatus according to claim 11, characterized in that the movements of the moving device are wholly or partly automated.

30. (previously presented): Coarse dirt collector apparatus according to claim 11, further comprising a system consisting of a pulper and lid thereof, a hood for the coarse dirt collector and a collecting funnel, wherein said system is sealable in an odor-resistant manner.

31. (new): A coarse dirt collector apparatus for removing coarse materials from a pulper having a pulper vessel with a vertical axis, said coarse dirt collector apparatus comprising:
a coarse dirt collector, said collector being pivotable into and out of the pulper vessel from a position above the pulper vessel; and

a moving means having one single axis of rotation for providing an inward and an outward pivoting movement of the coarse dirt collector into and out of the pulper vessel,

wherein said single axis of rotation is positioned at an angle to a plane that is vertical to said axis of the pulper vessel such that each of said inward pivoting movement and said outward pivoting movement, respectively, is performed by one single rotational movement of the coarse dirt collector about said axis of rotation.